



MSHA's Accident Prevention Miner's Tip

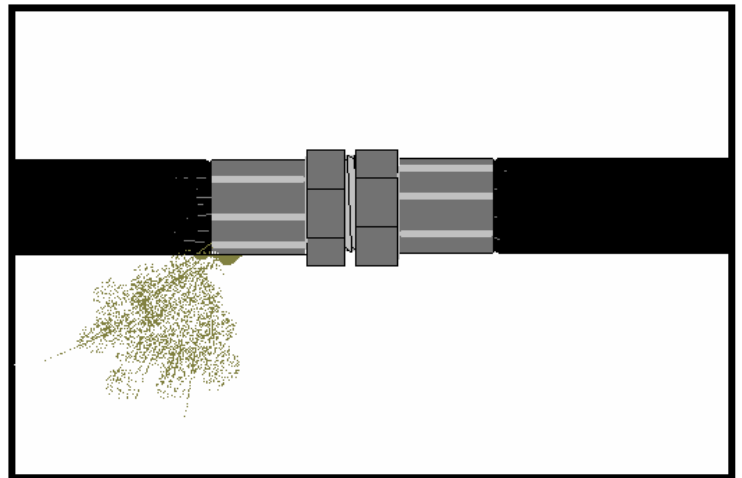
Safety and
Health are
Values!

Making Hydraulic Hoses

A crucial part of hydraulic hose safety depends on the care taken when fabricating the hose assemblies. Failure of a pressurized hose assembly creates a potential for personal injury to equipment operators or anyone working near the equipment, fire, and equipment damage.

Fabricating techniques to minimize hydraulic hose failures include:

- Do not inter-mix manufacturers. Use the same manufacturer's products for all parts of the assembly (end fittings, hose, etc.) and make sure you use the corresponding manufacturer's hose machine for crimping.
- Know the crimp specifications to include:
 - 1) Type of hose
 - 2) Type of end(s) approved for the hose
 - 3) Correct die for crimping
 - 4) Correct crimp setting
 - 5) Allowable finished crimp outer diameter (O.D.)



MSHA extends a thank you and a tip of the hardhat to **Mike Maggard**, winner of a limited edition sticker and patch.

If you have a tip you would like to pass on, you can e-mail it to zz-MSHA-MinersTips@dol.gov.

If your tip is selected, you will receive credit in this space.